

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>INDIANA, South Central</b>				
<b>DUBOIS COUNTY --- 0.5 W HUNTINGBURG [38.30, -86.96]</b>				
	07/25/09 13:05 EST		10K	Thunderstorm Wind (EG 65 kt)
	07/25/09 13:05 EST		0	Source: Emergency Manager
Thirty five trees were downed which were two to three feet in diameter at Huntingburg City Park. Damage was also done to playground equipment.				
<b>FLOYD COUNTY --- 1.6 W NEW ALBANY [38.30, -85.83]</b>				
	07/25/09 14:05 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/25/09 14:05 EST		0	Source: Trained Spotter
Large tree limbs were downed in the northern part of New Albany.				
<b>An approaching cold front triggered mainly sub-severe thunderstorms across southern Indiana. However a couple of the storms did produce damaging wind gusts.</b>				
<b>WASHINGTON COUNTY --- 1.3 WNW MARTINSBURG [38.46, -86.05]</b>				
	07/30/09 19:12 EST		0	Heavy Rain
	07/30/09 22:12 EST		0	Source: Trained Spotter
A spotter measured 3.59 inches of rain over 3.5 hours.				
<b>PERRY COUNTY --- 1.8 NW SASSAFRAS [38.20, -86.70], 1.1 N SASSAFRAS [38.20, -86.68], 1.6 SW UNIONTOWN [38.21, -86.69], 1.8 SE SIBERIA [38.21, -86.71]</b>				
	07/30/09 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:00 EST		0	Source: Trained Spotter
Many small and medium size creeks were out of their banks and flowing over highways, including State Road 145 at Cattail Road. 1.88 inches of rain fell in 90 minutes.				
<b>CRAWFORD COUNTY --- 0.5 E ENGLISH [38.33, -86.46], 0.8 NE ENGLISH [38.34, -86.46], 0.4 N ENGLISH [38.34, -86.47], 0.1 E ENGLISH [38.33, -86.47]</b>				
	07/30/09 20:04 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:04 EST		0	Source: Trained Spotter
Little Blue Creek in downtown English was rapidly rising out of its banks.				
<b>DUBOIS COUNTY --- 0.9 NE FERDINAND [38.23, -86.86], 1.8 SSE FERDINAND [38.20, -86.86], 1.7 SSW FERDINAND [38.20, -86.88], 0.9 N FERDINAND [38.23, -86.87]</b>				
	07/30/09 20:30 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:30 EST		0	Source: Emergency Manager
Interstate 64 was down to one lane at the Ferdinand Exit due to high water on the road.				
<b>CRAWFORD COUNTY --- 0.5 SE MARENGO [38.36, -86.34], 0.8 WNW HOGTOWN [38.37, -86.33], 0.6 NW MARENGO [38.38, -86.36], 0.5 WSW MARENGO [38.37, -86.36]</b>				
	07/30/09 20:34 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:34 EST		0	Source: Emergency Manager
A man was trapped in his truck and had to be rescued. Numerous roads in town were closed.				
<b>CLARK COUNTY --- 1.1 E HENRYVILLE [38.53, -85.75], 0.1 SW HENRYVILLE [38.53, -85.77], 1.5 NNW HENRYVILLE [38.55, -85.78], 2.3 NNE HENRYVILLE [38.56, -85.75]</b>				
	07/30/09 22:07 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:59 EST		0	Source: Broadcast Media
Silver Creek was out of its banks and covering multiple rural roads.				
<b>CLARK COUNTY --- 0.4 WNW BORDEN [38.47, -85.96], 1.0 E BORDEN [38.47, -85.93], 1.1 SE BORDEN [38.46, -85.94], 0.7 SW BORDEN [38.46, -85.96]</b>				
	07/30/09 22:30 EST		0	Flash Flood (due to Heavy Rain)
	07/30/09 23:59 EST		0	Source: Trained Spotter

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Water was covering many streets in town. The creek in Borden Park was out of its banks and flooding the park.				
Slow moving thunderstorms produced heavy rain resulting in flash flooding.				
<b>KENTUCKY, Central</b>				
<b>CUMBERLAND COUNTY --- MARROWBONE [36.82, -85.50]</b>				
	07/05/09 13:42 CST		0	Heavy Rain
	07/05/09 14:12 CST		0	Source: COOP Observer
A NWS COOP-Observer measured one inch of rain in 30 minutes.				
<b>CUMBERLAND COUNTY --- 0.7 S GRIDER [36.79, -85.42]</b>				
	07/05/09 14:05 CST		0	Heavy Rain
	07/05/09 14:35 CST		0	Source: Mesonet
The Kentucky Mesonet station three miles west of Burkesville measured 1.04 inches of rain in 30 minutes.				
Slow moving thunderstorms produced periods of heavy rain across far south central Kentucky.				
<b>WARREN COUNTY --- 0.9 NW WOODBURN [36.84, -86.53]</b>				
	07/12/09 17:50 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/12/09 17:50 CST		0	Source: Broadcast Media
A large shed was blown over.				
<b>LOGAN COUNTY --- 0.9 SW RUSSELLVILLE [36.84, -86.89]</b>				
	07/12/09 17:55 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/09 17:55 CST		0	Source: Law Enforcement
Trees and power lines were downed.				
<b>BARREN COUNTY --- 0.9 SE CARDEN [37.02, -85.99]</b>				
	07/12/09 17:58 CST		0.75K	Thunderstorm Wind (EG 50 kt)
	07/12/09 17:58 CST		0	Source: Broadcast Media
A tree was down across Highway 1297.				
<b>BARREN COUNTY --- 1.8 NW GLASGOW [37.00, -85.92]</b>				
	07/12/09 18:00 CST		2K	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:00 CST		0	Source: COOP Observer
Power was out in Glasgow due to downed trees on power lines.				
<b>ALLEN COUNTY --- 1.8 ENE GAINESVILLE [36.86, -86.12]</b>				
	07/12/09 18:02 CST		0	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:02 CST		0	Source: Law Enforcement
Trees and power lines were downed near Highway 101.				
<b>BARREN COUNTY --- 1.8 NW GLASGOW [37.00, -85.92]</b>				
	07/12/09 18:10 CST		1K	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:10 CST		0	Source: Law Enforcement
Trees were downed in Glasgow.				
<b>BARREN COUNTY --- HAYWOOD [36.95, -85.97]</b>				
	07/12/09 18:10 CST		0.75K	Thunderstorm Wind (EG 50 kt)
	07/12/09 18:10 CST		0	Source: Law Enforcement

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A fallen tree was blocking Highway 31E.				
<b>MONROE COUNTY --- MT HERMAN [36.82, -85.78]</b>				
	07/12/09 18:25 CST		0.75K	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:25 CST		0	Source: Law Enforcement
Trees were downed.				
<b>MONROE COUNTY --- 1.3 ENE SULPHUR LICK [36.81, -85.71]</b>				
	07/12/09 18:30 CST		0.75K	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:30 CST		0	Source: Law Enforcement
Trees were downed.				
<b>MONROE COUNTY --- 0.6 W PERSIMMON [36.80, -85.64]</b>				
	07/12/09 18:35 CST		1K	Thunderstorm Wind (EG 55 kt)
	07/12/09 18:35 CST		0	Source: Trained Spotter
Trees and large limbs were downed at Persimmon.				
<b>BARREN COUNTY --- 1.5 NNW FREEDOM [36.85, -85.83], 1.1 SSW TEMPLE HILL [36.87, -85.84], 1.8 SW TEMPLE HILL [36.86, -85.85], 1.7 NW FREEDOM [36.85, -85.84]</b>				
	07/12/09 19:00 CST		0	Flash Flood (due to Heavy Rain)
	07/12/09 22:00 CST		0	Source: Law Enforcement
A creek was out of its banks and covering Tompkinsville Road near the Monroe County line.				
<b>A complex of thunderstorms moved southeastward from southern Illinois and western Kentucky into south-central Kentucky. These storms produced damaging wind gusts until weakening after sunset.</b>				
<b>OLDHAM COUNTY --- LA GRANGE [38.40, -85.38]</b>				
	07/25/09 14:22 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:22 EST		0	Source: Law Enforcement
Trees were downed along the length of Highway 42 in Oldham County. Trees were also downed in the La Grange area.				
<b>RUSSELL COUNTY --- RUSSELL SPGS [37.05, -85.08]</b>				
	07/25/09 14:22 CST		0.75K	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:22 CST		0	Source: Broadcast Media
Trees were downed and pea to dime size hail was falling.				
<b>TRIMBLE COUNTY --- 0.7 S MILTON [38.71, -85.37]</b>				
	07/25/09 14:30 EST		0	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:30 EST		0	Source: Trained Spotter
Trees were downed.				
<b>CUMBERLAND COUNTY --- 0.7 N BURKESVILLE [36.79, -85.37]</b>				
	07/25/09 14:42 CST		2K	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:42 CST		0	Source: Trained Spotter
Trees were downed in Burkesville.				
<b>HENRY COUNTY --- NEW CASTLE [38.43, -85.17]</b>				
	07/25/09 14:45 EST		2K	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:45 EST		0	Source: Department of Highways
Trees downed in New Castle.				
<b>HENRY COUNTY --- SLIGO [38.48, -85.32]</b>				

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	07/25/09 14:45 EST		2K	Thunderstorm Wind (EG 55 kt)
	07/25/09 14:45 EST		0	Source: Law Enforcement

Trees downed along Highway 42 on the Oldham County Line.

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### OLDHAM COUNTY --- 0.9 SW GLENARM [38.34, -85.48]

07/25/09 15:05 EST	3K	Lightning
07/25/09 15:05 EST	0	Source: Law Enforcement

Lightning caused damage to electrical system in two homes but did not start fires.

**An approaching cold front triggered strong and severe thunderstorms across central Kentucky. Most of these storms produced damaging winds. Some of the storms had excessive lightning and some damage was caused by lightning strikes.**

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### JEFFERSON COUNTY --- BALLARDSVILLE [38.32, -85.53], 4.0 ENE BALLARDSVILLE [38.33, -85.46], 4.2 E BALLARDSVILLE [38.32, -85.45], 0.4 S BALLARDSVILLE [38.31, -85.53]

07/30/09 17:52 EST	0	Flood (due to Heavy Rain)
07/30/09 19:52 EST	0	Source: Emergency Manager

Ballardsville Road was closed at Hitt Lane due to flooding. Additional parts of Ballardsville Road were under water near the Oldham County line.

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### ALLEN COUNTY --- 8.3 N SCOTTSVILLE [36.87, -86.18], 9.7 N SCOTTSVILLE [36.89, -86.18]

07/30/09 22:35 CST	25K	Tornado (EF1, L: 1.40 mi , W: 200 yd)
07/30/09 22:40 CST	0	Source: NWS Storm Survey

This short-lived tornado was on the ground for about a mile and a half. Along its path, the tornado did considerable damage to a stand of substantially sized hardwood trees, some up to four feet in diameter. There was also damage to two barns and one home, where residents witnessed the tornado.

**A slow moving thunderstorm produced heavy rain and resulted in localized flash flooding on the east side of Louisville.**

**Later in the night, severe thunderstorms moved into south central Kentucky from Tennessee. One of these storms produced a short lived tornado in Allen County.**

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### TAYLOR COUNTY --- 1.4 S MANNSVILLE [37.35, -85.20], 1.4 ENE MANNSVILLE [37.38, -85.18], 3.9 ENE SPECK [37.32, -85.11], 1.3 NE SPECK [37.31, -85.16]

07/31/09 04:21 EST	0	Flash Flood (due to Heavy Rain)
07/31/09 06:21 EST	0	Source: Emergency Manager

High water caused State Road 70 to be closed eight miles east of Campbellsville.

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### TAYLOR COUNTY --- 0.8 WSW HATCHER [37.29, -85.38], 1.1 N BURDICK [37.29, -85.38], 1.3 W BURDICK [37.27, -85.40], 2.6 W BURDICK [37.27, -85.43]

07/31/09 05:56 EST	0	Flash Flood (due to Heavy Rain)
07/31/09 06:56 EST	0	Source: Emergency Manager

A person was rescued from a vehicle on KY 3098 near the Taylor-Green County Line.

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### BOURBON COUNTY --- 0.2 W PARIS [38.22, -84.25], 0.3 NNE PARIS [38.22, -84.25], 1.2 SE PARIS [38.21, -84.23], 1.3 SSE PARIS [38.20, -84.24]

07/31/09 15:50 EST	0	Flood (due to Heavy Rain)
07/31/09 23:59 EST	0	Source: Official NWS Observations

Stoner Creek reached flood stage just before 5 pm local time. Some minor flooding in low lying areas occurred due to this flooding. The creek stayed above flood stage until just after midnight on August 1st.

**Slow moving and widespread showers and thunderstorms continued to move across the region during the early morning hours of July 31st. Some isolated flooding was reported across south central Kentucky due to this steady, and heavy at times, rainfall. Heavy thunderstorms over the Bluegrass Region also caused Stoner Creek in Bourbon County to rise out of its banks.**